

LOUTH RURAL DISTRICT.

INTERIM REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1942.

PUBLIC HEALTH OFFICERS.

Medical Officer of Health - W.J.Wilkinson, M.R.S.S. L.R.C.P.
(retired 31. 7. 42)

- W.J.Kerrigan, M.B. B.Ch. B.A.O. L.M.
D.P.H.
(Appointed 1.8.42.)

Sanitary Inspector - A.H.Coulter, C.R.S.I.

- S.Shone, A.R.S.I.
(Appointed Temporary Additional
Sanitary Inspector from 1. 10. 42.)

Meat and Milk Inspector - A.H.Adams, M.R.C.V.S.

GENERAL STATISTICS.

Area -153,129.acres.
Population, Census 1931 - 16,681.
Registrar General's estimate of Resident Population - 15,490.
Number of Parishes 79.
Rateable Value of Inhabited Houses -£51,634.
Sum represented by a penny rate -£225.

VITAL STATISTICS.

BIRTHS.

Live Birth Rate per 1,000 of estimated population - 17.6 (15.8)
Still Birth Rate per 1,000 of all births - 35. (.54)
(Figures in brackets correspond to rate per 1,000
for England and Wales)

<u>Live Births.</u>	<u>Total</u>	<u>Male</u>	<u>Female.</u>
Legitimate	250.	121.	129.
Illegitimate	23.	11.	12.
	<u>273.</u>	<u>132.</u>	<u>141.</u>

Still Births.

Legitimate.	9.	6.	3.
Illegitimate.	1.	-	1.
	<u>10.</u>	<u>6.</u>	<u>4.</u>

DEATHS

Recorded Death Rate per 1,000 of estimated population - 12.4
Adjusted Death Rate per 1,000 of estimated population - (11.6)
Death Rate of Infants under 1 year as rate per 1,000
of total live births - 26(49)
Maternal Mortality Rate all causes per 1,000 Live &
Still Births - Nil.(2)
(Figures in brackets correspond to rate for England
&Wales)

(continuation sheet no.2.)
Principal Causes of Death.

		<u>Total.</u>
<u>Heart Disease.</u>		
(a) Persons 70 years and upwards	-33.	-49.
(b) Persons under 70 years	-16.	
<u>Cancer (All Forms)</u>		-23.
Intracranial Vascular Lesions		-19.
Digestive System other than Cancer		- 8.
Bronchitis		- 6.
Pneumonia		- 9.
Tuberculosis		- 4.
(a) Pulmonary	- 2.	
(b) Other Forms	-2.	

It places the deaths from "Heart Disease" in their proper perspective when it is realised that 67% of these occurred in people of 70 years and upwards, or that 83% occurred in people of 65 years and upwards.

The ages at Death from Cancer were as follows:-

1-50 years Nil.
50-60 years 3.
60-70 years 8.
70-75 years 1.
75 years & over 11.
<u>Total</u> <u>23.</u>

Total.
- 7.

Causes of Death in Children under 1 year

Broncho pneumonia	- 3.
Malformation	- 1.
Prematurity	- 2.
Convulsions	- 1.

Ages at Death.

Under 1 year	- 7.
1-15 years.	- 8.
15 - 40 years.	- 6.
40 - 65 years.	-36.
65 - 75 years.	-45.
75 years & over	-90.
<u>Total.</u>	<u>192.</u>

SECTION F.Infectious Diseases, Total Notifications.

Scarlet Fever	- 12.
Whooping Cough	- 8.
Measles	- 17.
Pneumonia	- 12.
Puerperal Pyrexia	- 2.
Total	<u>51.</u>

Diphtheria Immunisation.

Immunised during 1942

(a) Children 1 - 5 years	- 348.
(b) Children 5 -14 years	- 476.

Calculated percentage Immunised in the Area (Rural District)

(a) 1 - 5 years group	- 58% (15%)
(b) 5 -15 years group	- 88% (71%)

The figures show an improvement compared with the corresponding figures for 1941 - shown in brackets - but they are still far short of the desired target.

At the end of the year a survey was made of the thirty three schools in the area to ascertain the number of children immunised at each School. The results of this survey, with suitable propaganda matter, were published in the local press. The figures below indicate briefly the result of the school survey.

<u>Number of Schools.</u>	<u>Percentage Immunised.</u>
X 4.	100%
11.	Between 90 - 100%
9.	" 80 - 90%
6.	" 70 - 80%
3.	" 68 - 70%

(X These schools were Covenham, Kelstern, Ludborough and Saltfleetby)

TUBERCULOSIS.New Cases.

<u>Age Periods.</u>	<u>Pulmonary</u>		<u>Non Pulmonary.</u>	
	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>
1 - 5 years.				1.
5 - 15 years.		1.		1.
15- 25 years.	2.	1.		
25- 35 years.	1.			
35- 45 years.	1.			
45- 55 years.				
55- 65 years.	1.			
65 and over.	1.			
	6.	2.		2.

(continuation sheet no.4.)

The following Table gives a brief summary of the principal statistical figures for the past three years.

	<u>1942.</u> 17.6.	<u>1941.</u> 13.8.	<u>1940.</u> 15.4.
Birth Rate			
Death Rate	12.4.	14.3.	15.4.
Infectious Disease Notifications	<u>Totals.</u> 51.	<u>Totals.</u> 184.	<u>Totals.</u> 108.
Measles.	17.	98.	46.
Whooping Cough.	8.	42.	14.
Scarlet Fever.	12.	15.	4.
Diphtheria.	Nil.	1.	14.
Deaths from Cancer	23.	23.	36.
Deaths from Heart Disease.	49.	62.	63.

A brief summary is appended of the relevant information available, required under Sections C.D. & E. of the Ministry of Health Circular 1961.

It is regretted that for certain reasons information is incomplete.

W. J. Kerrigan

Medical Officer of Health.

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SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply - Number of samples obtained for analysis	- 8.
(a) from wells & streams.	- 6.
(b) from public supply.	- 2.

Drainage & Sewerage - During the year the sewage disposal works at Manby and Binbrook were thoroughly cleansed and new sludge lagoons provided at Manby.

After completion of the work at Binbrook a sample of effluent from the works was analysed and reported as "Good and suitable for free discharge into inland waters".

Nuisances - Total number during the year - 10.

Section D. Housing.

Total no. of dwelling houses	inspected during the year	- 52.
" " " " "	not in all respects considered to be	
	reasonably fit	- 5.

Disinfection.

No of rooms disinfected for ordinary infectious disease	- 10.
" " " " " Tuberculosis.	- 2.

Section E. Inspection & Supervision of Food.

(1) <u>Bakehouses.</u>	No. in district.	- 10.
	No. of inspections.	- 13.

(2) <u>Cowsheds.</u>	No. on register	-612.
	No. of inspections.	-1107.
	No. of Contraventions of regulations.	- 9.
	No. of milch cows in district.	4,000 App.

(3) <u>Dairies & Milk</u>	No. on Register	-114.
<u>Shops.</u>	No. of inspections.	-501.
	No. of Contraventions of regulations.	- 2.

